

Atty Docket No. KYRA-410 US5

## COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

**INTEGRATED SYSTEM FOR QUICKLY AND ACCURATELY IMAGING AND MODELING THREE-DIMENSIONAL OBJECTS**

the specification of which (check one)        is attached hereto or X was filed on October 23, 1998 as Application No. 09/177,777 and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information which is material to patentability as defined in 37 CFR § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)	Priority Claimed		
	<u>Yes</u> <u>No</u>		
Number	Country	Day/Month/Year Filed	
Number	Country	Day/Month/Year Filed	

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) below.

Application Number	Filing Date
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Application Number	Filing Date
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I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose all information which is material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

08/638,961	24 April 1996	Pending
Application Number	Filing Date	Status: Patented, Pending, Abandoned
PCT/US97/06793	24 April 1997	Pending
Application Number	Filing Date	Status: Patented, Pending, Abandoned

I HEREBY APPOINT THE FOLLOWING AS MY ATTORNEYS WITH FULL POWER OF SUBSTITUTION TO PROSECUTE THIS APPLICATION AND TRANSACT ALL BUSINESS IN THE PATENT OFFICE CONNECTED THERewith:

Karl A. Limbach	18,689	Mark A. Dalla Valle	34,147	Kyla L. Harrel	41,816
George C. Limbach	19,305	Charles P. Sammut	28,901	Mayumi Maeda	40,075
John K. Uilkema	20,282	Mark C. Pickering	36,239	Kent J. Tobin	39,496
Neil A. Smith	25,441	Patricia Coleman James	37,155	Michael R. Ward	38,651
Veronica C. Devitt	29,375	Kathleen A. Frost	37,326	Steven M. Santisi	40,157
Ronald L. Yin	27,607	Alan S. Hodes	38,185	Charles L. Hamilton	42,624
Gerald T. Sekimura	30,103	Alan A. Limbach	39,749	Andrew V. Smith	43,132
Michael A. Stallman	29,444	Douglas C. Limbach	35,249	Heath W. Hoglund	41,076
Philip A. Girard	28,848	Brian J. Keating	39,520	William G. Goldman	42,590
Michael J. Pollock	29,098	Seong-Kun Oh*		J. Thomas McCarthy	22,420
Stephen M. Everett	30,050	Cameron A. King	41,897	Joel G. Ackerman	24,307
Alfred A. Equitz	30,922	* Recognition under 37 CFR 10.9(b)			

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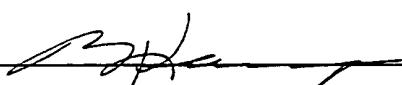
Send correspondence to Limbach & Limbach L.L.P.  
Attn: Michael A. Stallman, Esq.  
2001 Ferry Building  
San Francisco, CA 94111  
Telephone: 415/433-4150

---

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under 18 U.S.C. § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor BEN K. KACYRA

Inventor's signature

 11/4/98

Date

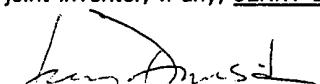
Residence 240 Tappan Lane, Orinda, California 94563

Citizenship U.S.A.

Post Office Address 240 Tappan Lane, Orinda, California 94563

Full name of second joint inventor, if any, JERRY DIMSDALE

Inventor's signature

 11/4/98

Date

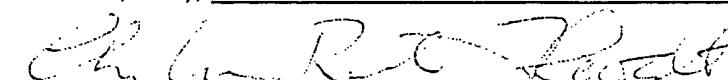
Residence 2233 Parker Street, Berkeley, California 94704

Citizenship U.S.A.

Post Office Address 2233 Parker Street, Berkeley, California 94704

Full name of third joint inventor, if any, CHRISTOPHER ROBIN THEWALT

Inventor's signature

 11-4-98

Date

Residence 5834 Moraga Avenue, Oakland, California 94611

Citizenship Canada

Post Office Address 5834 Moraga Avenue, Oakland, California 94611

Full name of fourth joint inventor, if any, JONATHAN APOLLO KUNG

Inventor's signature



11/14/98

Date

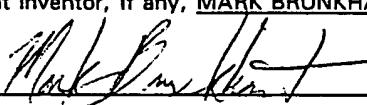
Residence 2523 Ridge Road, Apt. 106, Berkeley, California 94709

Citizenship

Post Office Address 2523 Ridge Road, Apt. 106, Berkeley, California 94709

Full name of fifth joint inventor, if any, MARK BRUNKHART

Inventor's signature



11/14/98  
75

Date

Residence 140 Montecito Avenue, #201, Oakland, California 94610

Citizenship

Post Office Address 140 Montecito Avenue, #201, Oakland, California 94610

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
APPLICATION FOR UNITED STATES PATENT

In re Patent Application of ) Group Art Unit: 3662  
Ben K. Kacyra et al. )  
Appn. No. 09/177,777 )  
Filed: October 23, 1998 )  
For: INTEGRATED SYSTEM FOR QUICKLY )  
AND ACCURATELY IMAGING AND )  
MODELING THREE-DIMENSIONAL )  
OBJECTS )

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

CYRA TECHNOLOGIES, INC., assignee of the entire right title and interest in the above-identified application by assignment dated November 4, 1998, which assignment was recorded in the Patent and Trademark Office on January 12, 1999, at Reel 9690, frame 277, hereby appoints the members of the firm of LIMBACH & LIMBACH L.L.P., a firm composed of:

Karl A. Limbach	18,689	Mark A. Dalla Valle	34,147	Kyla L. Harriel	41,816
George C. Limbach	19,305	Charles P. Sammut	28,901	Mayumi Maeda	40,075
John K. Uilkema	20,282	Mark C. Pickering	36,239	Kent J. Tobin	39,496
Neil A. Smith	25,441	Patricia Coleman James	37,155	Michael R. Ward	38,651
Veronica C. Devitt	29,375	Kathleen A. Frost	37,326	Steven M. Santisi	40,157
Ronald L. Yin	27,607	Alan S. Hodes	38,185	Roger S. Sampson	44,314
Gerald T. Sekimura	30,103	Alan A. Limbach	39,749	Charles L. Hamilton	42,624
Michael A. Stallman	29,444	Douglas C. Limbach	35,249	Andrew V. Smith	43,132
Philip A. Girard	28,848	Brian J. Keating	39,520	Heath W. Hoglund	41,076
Michael J. Pollock	29,098	Seong-Kun Oh*		William G. Goldman	42,590
Stephen M. Everett	30,050	Cameron A. King	41,897	J. Thomas McCarthy	22,420
Alfred A. Equitz	30,922	* Recognition under 37 CFR 10.9(b)		Joel G. Ackerman	24,307

as its attorneys with full power of substitution to prosecute this application and to transact all business in the Patent and Trademark Office in connection therewith.

Please direct all correspondence regarding this application to the following:

LIMBACH & LIMBACH L.L.P.  
Attn: Michael A. Stallman  
2001 Ferry Building  
San Francisco, CA 94111

Telephone: (415) 433-4150  
Facsimile: (415) 433-8716

Dated: 5-12-99

CYRA TECHNOLOGIES, INC.

By:  
Name: Ben K. Kacyra  
Title: Chief Executive Officer



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

APRIL 14, 1999

PTAS

LIMBACH & LIMBACH L.L.P.  
MICHAEL A. STALLMAN, ESQ.  
2001 FERRY BUILDING  
SAN FRANCISCO, CA 94111

RECEIVED



\*100945570A\*

APR 22 1999

LIMBACH & LIMBACH

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 01/12/1999

REEL/FRAME: 9690/0277

NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

KACYRA, BEN K.

DOC DATE: 11/04/1998

ASSIGNOR:

DIMSDALE, JERRY

DOC DATE: 11/04/1998

ASSIGNOR:

THEWALT, CHRISTOPHER ROBIN

DOC DATE: 11/04/1998

ASSIGNOR:

KUNG, JONATHAN APOLLO

DOC DATE: 11/04/1998

ASSIGNOR:

BRUNKHART, MARK

DOC DATE: 11/11/1998

ASSIGNEE:

CYRA TECHNOLOGIES, INC.  
8000 CADWELL DRIVE  
OAKLAND, CALIFORNIA 94621

9690/0277 PAGE 2

SERIAL NUMBER: 09177777  
PATENT NUMBER:

FILING DATE: 10/23/1998  
ISSUE DATE:

TONYA LEE, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

100945570

To the Commissioner of Patents and Trademarks. Please record the attached  original  copy  copy thereof.

## 1. Name of conveying party(ies):

BEN K. KACYRA  
JERRY DIMSDALE  
CHRISTOPHER ROBIN THEWALT  
JONATHAN APOLLO KUNG  
MARK BRUNKHART

## 2. Name and address of receiving party(ies):

Name: CYRA TECHNOLOGIES, INC.

JAN 12 1999

Internal Address:

Street Address: 8000 Capwell Drive

Additional name(s) of conveying party(ies) attached:

Yes  No

City, State and Zip: Oakland, California 94621

## 3. Nature of Conveyance:

Assignment  Merger  
 Security Agreement  Change of Name  
 Other

## Additional Name(s) &amp; address(es) attached?

Yes  No

Execution Date: 11/04/98, 11/04/98, 11/04/98, 11/04/98,  
and 11/11/98, respectively

04 00 00

11 FC:581

1/13/1999 SRRMS 00000000 09177777

1-12-99

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s)  
09/177,777

B. Patent No.(s)

Additional numbers attached?  Yes  No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Michael A. Stallman, Esq.

Internal Address: Limbach & Limbach L.L.P.  
 Street Address: 2001 Ferry Building  
 City, State, ZIP: San Francisco, California 94111  
 Telephone: (415) 433-4150  
 Facsimile: (415) 433-8716

Attorney Docket No. KYRA-410 US5

## 6. Total number of applications and patents involved: 1

## 7. Total fee (37 CFR 3.41):.....\$ 40.00

Enclosed  Charge any deficiencies in the enclosed fee to  
 Deposit Account No. 12-1420  
 Authorized to be charged to deposit account

## 8. Deposit account number: 12-1420

DO NOT USE THIS SPACE

## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Michael A. Stallman, Reg. No. 29,444  
Name of Person Signing

Signature

January 5, 1999  
Date

Total number of pages including cover sheet, attachments and document: 4

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20213, and to the Office of Management and Budget, Paperwork Reduction Project, (0651-0011), Washington, D.C. 20503

ASSIGNMENT

WHEREAS, WE, BEN K. KACYRA, JERRY DIMSDALE, CHRISTOPHER ROBIN THEWALT, JONATHAN APOLLO KUNG, and MARK BRUNKHART, hereinafter referred to as "ASSIGNORS", have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: INTEGRATED SYSTEM FOR QUICKLY AND ACCURATELY IMAGING AND MODELING THREE-DIMENSIONAL OBJECTS

Application (Declaration/Oath) Execution Date: 11/04/98, 11/04/98, 11/04/98, 11/04/98, 11/11/98

Filing Date: October 23, 1998 Application No.: 09/177,777

WHEREAS, CYRA TECHNOLOGIES, INC., a corporation of the State of California, 8000 Capwell Drive, Oakland, California 94621, hereinafter referred to as "ASSIGNEE", is desirous of acquiring the entire right, title and interest in the said invention and application and in any Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for One Dollar (\$1.00) and other good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the said Assignee, and Assignee's successors and assigns, all right, title and interest in and to the said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, prolongations or extensions thereof, said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignors had this assignment and transfer not been made, to the full end and term of any such Letters Patent.

Assignors further agree that they will, without charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignor has hereunto signed his/her name to this assignment on the date indicated below.

Date: 11-04-98

  
BEN K. KACYRA

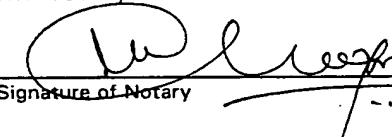
State of CALIFORNIA

County of ALAMEDA

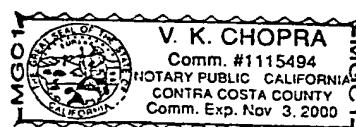
On NOV. 04, 1998 before me, V. K. CHOPRA, NOTARY PUBLIC,

personally appeared BEN K. KACYRA personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

  
Signature of Notary

SEAL



IN TESTIMONY WHEREOF, Assignor has hereunto signed his/her name to this assignment on the date indicated below.

Date: 11/4/98

  
JERRY DIMSDALE

State of CALIFORNIA

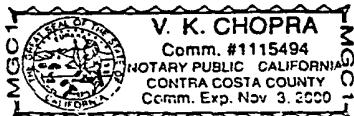
County of ALAMEDA

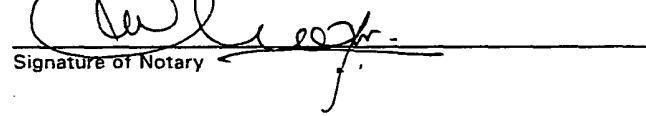
On NOV. 04, 1998 before me, V. K. CHOPRA, NOTARY PUBLIC

personally appeared JERRY DIMSDALE personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

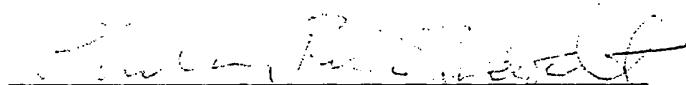
SEAL



  
Signature of Notary

IN TESTIMONY WHEREOF, Assignor has hereunto signed his/her name to this assignment on the date indicated below.

Date: 11-4-98

  
CHRISTOPHER ROBIN THEWALT

State of CALIFORNIA

County of ALAMEDA

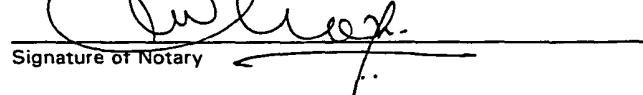
On NOV. 04, 1998 before me, V. K. CHOPRA, NOTARY PUBLIC

personally appeared CHRISTOPHER ROBIN THEWALT, personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

SEAL



  
Signature of Notary

IN TESTIMONY WHEREOF, Assignor has hereunto signed his/her name to this assignment on the date indicated below.

Date: 11/4/98

*Jonathan K*  
JONATHAN APOLLO KUNG

State of CALIFORNIA

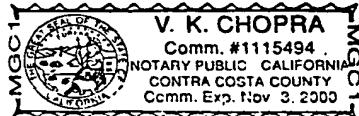
County of ALAMEDA

On NOV. 04, 1998 before me, V. K. CHOPRA, NOTARY PUBLIC

personally appeared JONATHAN APOLLO KUNG personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

SEAL



*V. K. Chopra*  
Signature of Notary

IN TESTIMONY WHEREOF, Assignor has hereunto signed his/her name to this assignment on the date indicated below.

Date: 11/11/98

*Mark Brunkhart*  
MARK BRUNKHART

State of CALIFORNIA

County of ALAMEDA

On NOVEMBER 11, 1998 before me, DAVID L. MC DAVID NOTARY PUBLIC

personally appeared MARK BRUNKHART, personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

SEAL

